d 1-13
US PAT NO:      5,179,660 [IMAGE AVAILABLE]          L2: 1 of 13
TITLE:          System for reducing communications overhead in distributed
                database transactions by serializing in order related
                requests into single transmission message and receiving
                transmission response
DATE ISSUED:    Jan. 12, 1993
US-CL-CURRENT:  395/200; 364/222.2, 282.1, 284.3, 284.4, 940.6, 940.61,
                974.6, DIG.1, DIG.2; 395/600

US PAT NO:      5,173,854 [IMAGE AVAILABLE]          L2: 2 of 13
TITLE:          Distributed text editing system with remote terminal
                transmits successive audit messages each identifying
                individual editing operation
DATE ISSUED:    Dec. 22, 1992
US-CL-CURRENT:  364/419, 943, 943.1, 943.43, DIG.2; 395/800

US PAT NO:      5,155,847 [IMAGE AVAILABLE]          L2: 3 of 13
TITLE:          Method and apparatus for updating software at remote
                locations
DATE ISSUED:    Oct. 13, 1992
US-CL-CURRENT:  395/600; 364/DIG.1, DIG.2; 395/200, 650

US PAT NO:      5,142,619 [IMAGE AVAILABLE]          L2: 4 of 13
TITLE:          Method and apparatus for visually comparing files in a
                data processing system
DATE ISSUED:    Aug. 25, 1992
US-CL-CURRENT:  395/157, 161

US PAT NO:      5,133,066 [IMAGE AVAILABLE]          L2: 5 of 13
TITLE:          Method for selecting multiple versions of data in a
                reduced record units text editing system
DATE ISSUED:    Jul. 21, 1992
US-CL-CURRENT:  395/600; 364/222.81, 222.82, 223.6, 223.8, 234, 236.2,
                237.2, 237.3, 239, 239.8, 248.1, 280, 280.7, 281.3,
                281.6, 281.7, 282.1, 282.3, 283.1, 283.2, 283.3, 283.4,
                284.2, 286, 286.1, DIG.1

US PAT NO:      5,077,658 [IMAGE AVAILABLE]          L2: 6 of 13
TITLE:          Data access system for a file access processor
DATE ISSUED:    Dec. 31, 1991
US-CL-CURRENT:  395/600; 364/222.81, 222.82, 228.1, 228.3, 239, 239.8,
                239.9, 242.94, 242.95, 242.96, 243.41, 246, 246.3, 251,
                251.3, 281.3, 281.6, 282.1, 282.2, 283.1, 285, 286.4,
                DIG.1

US PAT NO:      5,029,077 [IMAGE AVAILABLE]          L2: 7 of 13
TITLE:          System and method for controlling physical resources
                allocated to a virtual terminal
DATE ISSUED:    Jul. 2, 1991
US-CL-CURRENT:  395/275; 364/228.2, 237.2, 237, 280, 280.7, 282.2, 284.2,
                721.2, 721.77, 707, 715.4, 716; 375/100

US PAT NO:      4,970,665 [IMAGE AVAILABLE]          L2: 8 of 13
TITLE:          Method and device for editing a document having a
                plurality of headings

```
DATE ISSUED:      Feb. 26, 1991
US-CL-CURRENT:    395/600; 364/943, 943.1, 962, 962.1, 963, 963.4, DIG.2
US PAT NO:        4,956,806 [IMAGE AVAILABLE]              L2: 9 of 13
TITLE:            Method and apparatus for editing source files of differing
                  data formats using an edit tracking file
DATE ISSUED:      Sep. 11, 1990
US-CL-CURRENT:    395/146; 364/927.2, 929.3, 939, 939.2, 943.9, 946.2,
                  951.1, 962, 962.4, 964.6, DIG.2; 395/147, 148, 161, 600
US PAT NO:        4,897,782 [IMAGE AVAILABLE]              L2: 10 of 13
TITLE:            Local cache structure for maintaining updated file
                  characteristics in a file sharing system
DATE ISSUED:      Jan. 30, 1990
US-CL-CURRENT:    395/600; 364/228.1, 228.3, 243.4, 243.41, 246.3, 254,
                  254.3, 282.1, 282.3, 283.1, 283.2, DIG.1; 395/650
US PAT NO:        4,888,681 [IMAGE AVAILABLE]              L2: 11 of 13
TITLE:            Space management system for data files having shared
                  access
DATE ISSUED:      Dec. 19, 1989
US-CL-CURRENT:    395/600; 364/222.81, 222.82, 228, 243.41, 281.1, 283.1,
                  DIG.1
US PAT NO:        4,807,182 [IMAGE AVAILABLE]              L2: 12 of 13
TITLE:            Apparatus and method for comparing data groups
DATE ISSUED:      Feb. 21, 1989
US-CL-CURRENT:    364/419, 927.2, 927.61, 927.63, 934, 941, 941.5, 943,
                  943.44, 943.5, 947, 947.1, 947.2, 955, 955.6, 957,
                  957.1, 957.3, 960, 960.1, 962, 962.4, DIG.2
US PAT NO:        4,729,123                               L2: 13 of 13
TITLE:            Method for establishing and maintaining synchronization
                  between communicating multiplexers using checksum values
DATE ISSUED:      Mar. 1, 1988
US-CL-CURRENT:    370/105.1; 375/114

=>
```

------------------------------------------------------------------------
Title:     Vendors offer parade of new items at Expo. (Fed Micro 1991
           preview) (product announcement)

Summary:   Several products scheduled to debut at the Fed Micro '91 federal
           microcomputer conference and exposition are described.  Enable
           Software Inc's Enable OA release 4.2 integrated software package
           adds several dozen new features, including spreadsheet text-entry
           mode and enhanced graphics and printing features.  Version 2.4 of
           Enable's Higgins electronic-mail software features a new built-in
           task switcher, hot-key between applications, work group
           applications menu and cut-and-paste editor.  Compact Disk Products
           will show a 'virtual office' 80386-based notebook computer with a
           modem, CD-ROM drive and portable printer; the company's LANtastic
           network operating system now supports CD-ROMs.  Also scheduled for
           introduction at the expo are products from Reference Technology
           Inc, American Business Information, Disclosure Inc, Ogivar
           Technologies, Link Computer Inc, DeScribe Inc, Smart Technologies
           Inc, Welcom Software Technology, PowerSoft Corp and Xircom Inc.
------------------------------------------------------------------------
Descriptors..
Topic:     Conferences and Meetings
           Product Introduction
           Government Agency
           National Government
           Hardware Vendors
           Software Publishers
           Microcomputers
           Fed Micro.

Record#:   11 180 645.
------------------------------------------------------------------------
Full Text:

At Fed Micro '91, Enable Software Inc. plans to show its new Release 4.2 of
Enable OA, a leading integrated software package in the government, as well
as Version 2.4 of Higgins electronic-mail software.

Enable 4.2 adds several dozen new features, including a menu command to parse
data from one spreadsheet cell to a range of cells; spreadsheet text-entry
mode; an audit feature that indicates a circular reference on lists; new
standard settings for word processing; and improved graphics and printing
features.

Higgins 2.4 has a new built-in task switcher, hot-key between applications,
work group applications menu and cut-and-paste editor.

Also at the expo, Compact Disk Products of Aberdeen, N.J., will introduce a
"virtual office" 386 notebook computer that comes with a modem, CD-ROM drive
and portable printer.

The company also will show the LANtastic network operating system with CD-ROM
support, and SCSI Express for Novell Inc.'s NetWare 386.  SCSI Express
supports CD-ROM directly on a file server and eliminates the need for MS-DOS

extensions of CD-ROM drivers at the workstation.

Reference Technology Inc. of Boulder, Colo., will introduce ReferenceSet Version 2, a new version of its CD-ROM development tools with full database brows capability.

The Social Security Administration and Army Corps of Engineers plan to demonstrate CD-ROM applications they have developed with the product.

American Business Information of Omaha, Neb., will show its recently introduced Lists-on-Disc CD-ROM database of U.S.  businesses.

The disk contains 9.2 million names and comes in several formats for loading into word processors or databases.

Also, Disclosure Inc. of Bethesda, Md., plans to exhibit three Disclosure/Worldscope CD-ROM databases of detailed financial information on companies in Europe, the Pacific Rim and worldwide.

Ogivar. Technologies of Villa Saint-Laurent, Quebec, will preview 486 and 486SX Interport laptops with 32M of RAM and 400M hard drives.  The Interport comes with a docking station, color monitor and separate keyboard.

Link Computer Inc. of Placentia, Calif., will introduce a 33-MHz 486 file server with 256K cache, a 33-MHz 386 workstation with 128K cache, a 20-MHz 386 notebook computer with 40M or 60M of RAM, and a 10BaseT workstation expansion card.

DeScribe Inc. of Sacramento, Calif., will introduce the DeScribe Version 3.0 word processor for Mirosoft Windows and OS/2.  The user receives a license to install under only one environment, but both versions have the same interface and share files.  The product comes with a tool box of icons.

Smart Technologies Inc. of Calgary, Alberta, will introduce Smart 2000, a Windows-based document conferencing system that allows people at different locations to discuss and edit the same document displayed on an electronic "whiteboard."  Smart 2000 features pen graphics and voice communication over standard telephone  ines.

Welcom Software Technology of Houston will introduce Open Plan 4.0, a new release of its project manager with a graphical interface for viewing work breakdown structures, project networks, bar charts and resource histograms. Open Plan has versions for MS-DOS, Macintosh, Digital Equipment Corp. VAX/VMS and Unix platforms.

PowerSoft Corp. of Burlington, Mass., will show its new PowerBuilder 1.0, a graphical, client-server development environment for Microsoft Windows and Structured Query Language applications.  PowerBuilder supports Microsoft's SQL Server, Oracle Server, Sybase SQL Server, XDB, DB2 and SQLBase.

Specialty Development Corp. of Austin, Texas, will exhibit the Series 400 high-speed caching disk controller and the MathCo CMOS numeric coprocessor.

Cardinal Technologies of Lancaster, Pa., will introduce the PC-10 386SX micro priced below $1,000, the VGA 732 monitor with 32,000 colors and 800- by 600-pixel resolution priced below $300, and a send/receive facsimile broadcast modem.

Xircom Inc. of Reston, Va., will introduce the Pocket 3270 adapter for connecting laptop computers to mainframes.  Xircom also will show an external

Ethernet adapter that allows multimedia connections on unshielded twisted-apir, thin or thick wire, with parallel port pass-through.

Micro Solutions Computer Products of Dekalb, Ill., will introduce a backpack tape drive the fits standard parallel printer ports, including portable computer ports. No interface card is needed. Models storing 40M and 80M and using DC2000 cartridge tapes will be priced at $695 and $795. Shipping begins in September.

The company also will announce a backpack hard drive for standard parallel printer ports. Capacities of 40M, 80M and 120M with 3 1/2-inch form factor will be priced at $650, $850 and $995; shipping begins in September.

Saros Corp. of Bellevue, Wash., will exhibit Viewz, which runs with Microsoft Excel for Windows.

Viewz is a spreadsheet library manager for cataloging and retrieving networked data and creating standard documents from a template.

Finally, Technology Specialists Inc. of Arlington, Va., will show the 32-bit SXZ-248, a 386SX upgrade chip for Zenith Data Systems Z-248 micros.